

Marlene H. Dortch, Secretary
Federal Communications Commission
445 12th Street SW
Washington, DC 20554
Re: IB Docket No. 11-109

Dear Ms. Dortch,

I have serious concerns about LightSquared's proposal for a nationwide 4G LTE system. I'm afraid that neither LightSquared nor the FCC fully understand the impact of LightSquared's proposed system on GPS receivers, America's small businesses, and America's economy.

This proposal has not been probably tested nor was sufficient notice given to the high-precision user community. GPS has stimulated the economy in so many ways. Although the public is most aware of the GPS use for mapping location, most are not aware of how GPS has revolutionized land surveying and structure monitoring. Compared to the consumer hand-held units, these users may seem like a small group but they are an essential element of the economy that will have no immediate alternatives to continue with the high precision. Again, consumer units will likely overcome this interference but a critical part of our national infrastructure will take many years to recover.

At this time when our roads, bridges, and other public improvement are being prepared to be rebuilt for the next fifty years, our country can not afford to significantly delay and increase the costs of these projects.

I recommend that the FCC deny LightSquared's request to proceed and encouraged them to use spectrum outside of the MSS band. The resources expended by federal/state/local governments and private corporations to vet LightSquared's proposal to use the MSS band has run into the tens of millions of dollars, if not more than a one hundred million dollars. I'm afraid the cost of further vetting will double or triple the expenditure as well as result in tremendous opportunity cost as significant resources are expended by public and commercial entities to continue this debate.

Thank you for your attention.

Frank Maxim, PLS (California)